INTERNATIONAL SEARCH REPORT

Intern al Application No PCT/JP2004/018673

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F01L13/00 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 F01L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category 9 Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. PATENT ABSTRACTS OF JAPAN 1 - 12Α vol. 1996, no. 03, 29 March 1996 (1996-03-29) & JP 07 293216 A (MITSUBISHI AUTOMOB ENG CO LTD; others: 01), 7 November 1995 (1995-11-07) cited in the application the whole document WO 95/09298 A (LOTUS CARS LTD; ALLEN, 1-12 JEFFREY) 6 April 1995 (1995-04-06) the whole document Α US 5 373 818 A (UNGER ET AL) 1.5 20 December 1994 (1994-12-20) the whole document -/--Patent family members are listed in annex. X Further documents are listed in the continuation of box C. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. "P" document published prior to the international filling date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 4 April 2005 11/04/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Independent de del este		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	GB 947 147 A (RALPH MILLER) 22 January 1964 (1964-01-22) page 2, lines 14-76; figure 2	1,5		
A	US 6 019 076 A (PIERIK ET AL) 1 February 2000 (2000-02-01) claim 1; figure 1	1,5		
A	US 6 311 659 B1 (PIERIK RONALD JAY) 6 November 2001 (2001-11-06) figure 1	1,5		
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INTERNATIONAL SEARCH REPORT

information on patent family members

Interr lai Application No
PCT/JP2004/018673

Patent document cited in search report		Publication date	l	Patent family member(s)	Publication date
JP 07293216	Α	07-11-1995	NONE		
WO 9509298	Α	06-04-1995	WO	9509298 A	1 06-04-1995
US 5373818	A	20-12-1994	DE EP JP JP	4326331 A 0638706 A 3245492 B 7063023 A	15-02-1995 2 15-01-2002
GB 947147	A	22-01-1964	NONE		
US 6019076	Α	01-02-2000	DE DE EP WO	69921153 D 69921153 T 1105627 A 0008309 A	17-03-2005 11 13-06-2001
US 6311659	B1	06-11-2001	AU DE DE EP JP WO	1499201 A 60014827 D 60014827 T 1101017 A 2003500602 T 0073636 A	18-11-2004 24-03-2005 1 23-05-2001 07-01-2003